# Original/Duplicate/Triplicate
# CONTRACT CERTIFICATE

(For Other Works)

No 2nd & Final Bill

Date.....2018.

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-17-000045.**

Schedule Docket No. Head of Account: Est.Cost: **8.00** Lakhs B.R.No. :

Name of Work : Maintenance of Existing borewells at yelahanka old town areas in ward no-02 of yelahanka Sub division,

Name of Contractor and Full Address: **Sri G Muniraju, (KBS Engineering works) No 52, 4th cross, 4th main Kote bheedhi yelahanka Bangalore-64.**

Reference to Agreement No. EE/YNK.D/ EPMT-08/**W.O/ 11 /2017-18.** Date: 27-4-2017.

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Certified that the measurements were taken by me on 30/4/18.....and recorded of Pages 11454S..... to 11456..... of measurement Book No. 1746.. and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 25/6/18.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Yelahanka Sub Division
( BBMP Ynk. Zn )
Yelahanka, Bangalore

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

| sl no | Description of work | Unit |
|---|---|---|
| 1 | **Repairs to Motor**:Rewinding of Motor PRED SR (2012-13)P NO.54/ I,NO.10.1.2) | No |
| 2 | **Repairs to Motor**:Rewinding of Motor PRED SR (2012-13)P NO.54/ I,NO.10.1.3) | No |
| 3 | **B) Replacement of Motor Parts:** Upto 5HP Stator (with one year Gurantee) PRED SR (2012-13)P NO.55/ I,NO.10.3.3) | No |
| 4 | Upper flange PRED SR (2012-13)P NO.55/ I,NO.10.3.7) | No |
| 5 | Lower flange PRED SR (2012-13)P NO.55/ I,NO.10.3.8) | No |
| 6 | Carbon Housing PRED SR (2012-13)P NO.56/ I,NO.10.3.12) | No |
| 7 | Thrust bearing block assembly complete with Segment bearing pad PRED SR (2012-13)P NO.56/ I,NO.10.3.13) | No |
| 8 | c) Tip Carbon /Ferrodo pading PRED SR (2012-13)P NO.56/ I,NO.10.3.14) | No |
| 9 | Bearing (Gun metal )Centrifugal cast Aluminium Bronze, bearing bush PRED SR (2012-13)P NO.56/ I,NO.10.3.16) | No |
| 10 | Motor Base with pin PRED SR (2012-13)P NO.56/ I,NO.10.3.18) | No |
| 11 | Re-erection charges of pumping machineries including overhauling and painting PRED SR (2012-13)P NO.56/ I,NO.10.3.20) | Job |
| 12 | Labour Charge (overhauling) PRED SR (2012-13)P NO.56/ I,NO.10.3.22) | No |
| 13 | **Replacement of pump parts:** Pump bowls PRED SR (2012-13)P NO.56/ I,NO.10.2.) | No |
| 14 | Intermediate piece (I.P) with IP leaded bronze bush PRED SR (2012-13)P NO.56/ I,NO.10.2.2) | No |
| 15 | Oil seal PRED SR (2012-13)P NO.56/ I,NO.10.2.3) | No |
| 16 | Oil seal steel bush PRED SR (2012-13)P NO.56/ I,NO.10.2.4) | No |
| 17 | Guide vane PRED SR (2012-13)P NO.56/ I,NO.10.2.5) | No |
| 18 | Impeller (shell moulded with aluminium and Bonze) RED SR (2012-13)P NO.56/ I,NO.10.2.6) | No |
| 19 | Discharge outlet (D.O) Bearing D.O Steel Bush PRED SR (2012-13)P NO.56/ I,NO.10.2.7) | No |
| 20 | D.O Bearing PRED SR (2012-13)P NO.56/ I,NO.10.2.8) | No |
| 21 | Steel bush (D.O) steel bush ) PRED SR (2012-13)P NO.56/ I,NO.10.2.9) | No |
| 22 | Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) PRED SR (2012-13)P NO.56/ I,NO.10.2.11) | No |
| 23 | Pump key (Stainless steel ) PRED SR (2012-13)P NO.56/ I,NO.10.2.12) | No |
| 24 | Pump coupling (stainless steel) PRED SR (2012-13)P NO.56/ I,NO.10.2.13) | No |
| 25 | Cabble guard PRED SR (2012-13)P NO.56/ I,NO.10.2.15) | No |
| 26 | Strainer PRED SR (2012-13)P NO.56/ I,NO.10.2.16) | No |
| 27 | Brass Filter PRED SR (2012-13)P NO.56/ I,NO.10.2.17) | No |
| 28 | KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No.5/Item No. 2.3) | Cur |
| 29 | Providing and fixing to wall, ceiling and floor, high density polyethylene pipes 6.00 kgs/sq.cm working pressure 75mm outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost all material, labour charges, HOM of equipments and testing complete as per specifications.(P.N.93) | Rn |
| | 75 mm dia (It.no.13.703) | |
| 30 | 63mm dia (It.no.13.70.2) | cu |
| 31 | Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering lead upto 50m and lift upto 1.5m including cost of labour complete as per specification (P. No.6 I.No.2.11) | |
| 32 | Supply and delivery of submersible pump sets suitable for borewell of 165 mm dia with specified dyty conditions as detailed below and satisfying performance characteristics for pump and moter specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002 and motor conforming to IS 9283/1995 with ISI certification with latest amendments for the following.15.0HP/11KW ATALANTA/SUGUNA/CRI/KIRLOSKAR /OTHER EQUIVALENT PUMPS (page no.XXXXII / Sl.No.33 Code No.2)2016-17 | |
| 33 | Providing GI pipe50mm dia B class (Page.No XVII Sl.no.509, code no.0154) | F |
| 34 | Providing & fixing R-socket GI pipe fitting (Page.No XXXIX) GI FITTINGS TABLE) | |

| Unit | Previous Measurment | | Present Measurement | | | Total up-to date | | Remarks |
|---|---|---|---|---|---|---|---|---|
| | C | cost | Qty | Rate | Cost | Qty | cost | |
| No | 3.0 | 7725.0 | 1.00 | 2575.00 | 2575.00 | 1.00 | 2575.00 | |
| No | 3.0 | 8652.0 | 1.00 | 2884.00 | 2884.00 | 1.00 | 2884.00 | |
| No | 3.0 | 15600.0 | 1.00 | 5200.00 | 5200.00 | 1.00 | 5200.00 | |
| No | 3.0 | 1080.0 | 1.00 | 360.00 | 360.00 | 1.00 | 360.00 | |
| No | 3.0 | 1080.0 | 1.00 | 360.00 | 360.00 | 1.00 | 360.00 | |
| No | 3.0 | 1467.0 | 1.00 | 489.00 | 489.00 | 1.00 | 489.00 | |
| No | 3.0 | 3552.0 | 1.00 | 1184.00 | 1184.00 | 1.00 | 1184.00 | |
| No | 3.0 | 462.0 | 1.00 | 154.00 | 154.00 | 1.00 | 154.00 | |
| No | 3.0 | 1236.0 | 1.00 | 412.00 | 412.00 | 1.00 | 412.00 | |
| No | 3.0 | 1467.0 | 1.00 | 489.00 | 489.00 | 1.00 | 489.00 | |
| Job | 3.0 | 2934.0 | 1.00 | 978.00 | 978.00 | 1.00 | 978.00 | |
| No | 3.0 | 1698.0 | 1.00 | 566.00 | 566.00 | 1.00 | 566.00 | |
| No | 3.0 | 2163.0 | 1.00 | 721.00 | 721.00 | 1.00 | 721.00 | |
| No | 3.0 | 1389.0 | 1.00 | 463.00 | 463.00 | 1.00 | 463.00 | |
| No | 3.0 | 384.0 | 1.00 | 128.00 | 128.00 | 1.00 | 128.00 | |
| No | 3.0 | 462.0 | 1.00 | 154.00 | 154.00 | 1.00 | 154.00 | |
| No | 3.0 | 540.0 | 1.00 | 180.00 | 180.00 | 1.00 | 180.00 | |
| No | 3.0 | 1311.0 | 1.00 | 437.00 | 437.00 | 1.00 | 437.00 | |
| No | 3.0 | 1374.0 | 1.00 | 458.00 | 458.00 | 1.00 | 458.00 | |
| No | 3.0 | 879.0 | 1.00 | 293.00 | 293.00 | 1.00 | 293.00 | |
| No | 3.0 | 462.0 | 1.00 | 154.00 | 154.00 | 1.00 | 154.00 | |
| No | 3.0 | 2934.0 | 1.00 | 978.00 | 978.00 | 1.00 | 978.00 | |
| No | 3.0 | 384.0 | 1.00 | 128.00 | 128.00 | 1.00 | 128.00 | |
| No | 3.0 | 771.0 | 1.00 | 257.00 | 257.00 | 1.00 | 257.00 | |
| No | 3.0 | 462.0 | 1.00 | 154.00 | 154.00 | 1.00 | 154.00 | |
| No | 3.0 | 462.0 | 1.00 | 154.00 | 154.00 | 1.00 | 154.00 | |
| | 3.0 | 771.0 | 1.00 | 257.00 | 257.00 | 1.00 | 257.00 | |
| Cur | 53.5 | 10710.2 | 233.93 | 200.34 | 46866.00 | 233.93 | 46866.00 | |
| Rn | 40.0 | 12800.0 | 210.00 | 320.00 | 67200.00 | 210.00 | 67200.00 | |
| | 92.0 | 25576.0 | 368.00 | 278.00 | 102304.00 | 368.00 | 102304.00 | |
| cu | 53.5 | 4276.8 | 233.93 | 80 | 18714.00 | 233.93 | 18714.00 | |
| s | 1.0 | 70600.0 | 1.00 | 70600.00 | 70600.00 | 1.00 | 70600.00 | |
| F | 0.0 | 0.0 | 240.00 | 321.00 | 77040.00 | 240.00 | 77040.00 | |
| | | 0.0 | 40.00 | 92.00 | 3680.00 | 40.00 | 3680.00 | |

| sl no | Description of work | Previo Measur |
|---|---|---|
| | | Nos |
| 35 | Supplying and drawing 3 crore flat PVC submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 to IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.)P.No.49/ It.No.29c(1) 2.5sqm of 36 strands 0.3mm dia group-A KPWD Electrical SR 2014-15 | M |
| 36 | fabrication supplying and mounting MS box of 16 SWG Suitable for floor/wall mounting fully weather proof with provision for better heat dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600sqcm @ Rs0.33 SWG (P-49 It.6.40.2) (KPWD Electrical Sr 2014-15) | Sq Cr |
| 37 | Gun metal non-return valve 50mm nominal bore horizontal pipe (Page.No XXII Sl.no.659, code no.0126) | No 3.0 |
| 38 | Gate valve 50mm nominal bore gun metal (Page.No XXII Sl.no.673, code no.0164) | No 3.0 |
| 39 | Providing & fixing of Union 50mm for GI pipe fitting (Page.No XXXIX) GI FITTINGS TABLE) | No 3.0 |
| 40 | Providing and fixing of 50mm GI Nipple to motor (Page.No XXXIX) GI FITTINGS TABLE) | No 3.0 |
| 41 | Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14) | Pe leng 0.0 |
| 42 | Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14) | No 0.0 |
| 43 | Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable ( confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14) | Mt 0.0 |
| 44 | Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14) in hard soil | Mt 0.0 |
| 45 | Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14) | Mt 3.0 |
| | | TOTA |

Certificates:

1 The above work is done satisfactorily.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
( BBMP Ynk. Zn )
Yelahanka, Bangalore

| | Measurment | | Present Measurement | | | Total up-to date | | Remarks |
|---|---|---|---|---|---|---|---|---|
| | cost | Qty | Rate | Cost | Qty | cost | |
| M | 0.0 | 480.00 | 188.50 | 90480.00 | 480.00 | 90480.00 | |
| Sq Cr | 0.0 | 88000.00 | 0.30 | 26400.00 | 88000.00 | 26400.00 | |
| No 3.0 | 3450.0 | 9.00 | 1150.00 | 10350.00 | 9.00 | 10350.00 | |
| No 3.0 | 4800.0 | 9.00 | 1600.00 | 14400.00 | 9.00 | 14400.00 | |
| No 3.0 | 669.0 | 9.00 | 223.00 | 2007.00 | 9.00 | 2007.00 | |
| No 3.0 | 312.0 | 9.00 | 104.00 | 936.00 | 9.00 | 936.00 | |
| Pe leng 0.0 | 0.0 | 128.00 | 90.64 | 11602.00 | 128.00 | 11602.00 | |
| No 0.0 | 0.0 | 4.00 | 906.00 | 3624.00 | 4.00 | 3624.00 | |
| M 0.0 | 10143.0 | 80.00 | 169.05 | 13524.00 | 80.00 | 13524.00 | |
| M 0.0 | 3397.2 | 30.00 | 56.62 | 1699.00 | 30.00 | 1699.00 | |
| Mt 3.0 | 883.7 | 9.00 | 294.58 | 2651.00 | 9.00 | 2651.00 | |
| TOT | 209318.9 | | | **584644** | | **584644** | |